

GAS REGULATOR BODIES

IF FURTHER INFORMATION
IS REQUIRED ON REPAIR KITS
OR REGULATORS PLEASE CONTACT:

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TOF SRL SAFETY AND ASSEMBLY INSTRUCTIONS

TOF SRL PRIMARY AND SECONDARY GAS REGULATOR BODIES

The following instructions outline safety and assembly instructions for primary and secondary gas regulator squares (basic squares have nothing installed in inlet and outlet parts). Read and understand these instructions thoroughly before assembly of regulator body squares.

Minimum Operating Temperature 0° F(-18°C)

Maximum Operating Temperature 140° F(60° C)

Sealants for threads shall be compatible for the gases involved.

When adding gauges with pressures over 1000 PSIG (6.89MPA) they shall be a listed Underwriter Laboratory Gauge (UL) that is suitable for the gases involved.

PRIMARY GAS REGULATOR BODY

IMPORTANT: Note back side of primary regulator body for raised letters indicating left-hand threaded (labelled "HI") label in the high-pressure ports and right-hand threaded low-pressure ports (labelled "LO").

1. The regulator body high-pressure ports (labeled "HI") are left-hand threaded. One port accepts a coupling for installing regulator body on applicable CO2 or nitrogen cylinder. The other port accepts a high-pressure gauge or a nipple fitting for connection of additional regulator body if building a primary regulator assembly. **MAKE SURE FITTING USED IN HIGH-PRESSURE PORTS WILL WITHSTAND HIGH PRESSURE.**

IMPORTANT: Gas pressure regulator mounted position must be with its integral relief valve in upward position to prevent accumulation of dust and debris on valve seat exterior.

2. The regulator body-low pressure (labeled "LO") outlet ports are righthand threaded. The bottom outlet port accepts and adaptor fitting to connect gas line to a secondary gas regulator high-pressure inlet or a check valve if regulator body will be connected directly into system. The other low-pressure port accepts the proper low pressure gauge.

SECONDARY GAS REGULATOR BODIES

CAUTION: Under no circumstances should a secondary gas regulator body be modified and used as a primary gas regulator and be connected directly to a CO2 or nitrogen cylinder. Result cause main seat damage and result in a leak.

IMPORTANT: Note back side if a secondary gas regulator body for raised letters indicating high pressure ports (labeled "HI") and Low-pressure ports (labeled "LO").

1. The regulator body high-pressure (labeled "HI") and low-pressure (labeled "LO") ports are right-hand threaded. One high-pressure port accepts a nipple to connect gas line from primary gas regulator body outlet port and other high-pressure port accepts an adaptor to add additional bodies if building a secondary gas regulator assembly. If only one body will be used as a secondary gas regulator, a pipe plug may be installed in other high-pressure port.
2. The bottom outlet port of the regulator body outlet ports (labeled "LO") accepts a fitting to connect systems gas line or check valve if valve will not be located downstream at first system connection. The other outlet port accepts the proper gauge indicated with UL certification.
3. REGULATOR REPAIR

WARNING: Strict adherence to proper gas regulator repair must be observed due to possibility of a gas leak which could result in a personal injury and/or property damage. If regulator repair is needed, be sure only repair parts designed and intended for that particular regulator are used. Be sure repair personnel are properly trained as to repair techniques to be used.